

MATERIAL SAFETY DATA SHEET

Product: Decon 90

Not classified as Hazardous according to criteria or Worksafe Australia.

UN NO.....:N/A
HAZCHEM:N/A
POISONS SCHEDULE.....:N/A
PACK. GRP.....:N/A
D.G.CLASS: N/A
SUB. RISK: No Data
SPEC.PEG: No Data

PRODUCT IDENTIFICATION

CORRECT SHIPPING NAME:
DECON 90

OTHER NAMES:
In certain countries, Decon 90 is sold under the trade name : CONTRAD

TRADENAMES:.....N/A MANUFACTURE CODE: DECON90

ACTIVE INGREDIENTS:
A complex emulsion of highest quality anionic and non-ionic surface active agents, stabilising agents, alkalis, non-phosphate detergent builders and sequestering agents, in an aqueous base.

Contains <3% Potassium Hydroxide (KOH) – CAS No. 1310-58-3 - EINECS No. 215-181-3

PHYSICAL PROPERTIES:
Decon 90 is a milky white, non-viscous liquid concentrate having faint odour.

Melting point -3.8°C (product is a liquid).
Boiling point 100.5°C
Density 1.083 at 20°C
Vapour pressure 17.1 mm Hg at 20°C
Evaporation rate 0.34 (butyl acetate = 1)
Viscosity 6.27 cps at 20°C
Solubility Totally soluble in water. Miscible with water soluble solvents.
pH value The concentrate has a pH in excess of pH13

USE:
Surface active cleaning agent, and/or radioactive decontaminant, for laboratory, medical and specialised industrial application. For cleaning and/or decontaminating glassware, ceramics, rubbers, plastics, stainless steel and ferrous metals. Being alkaline, DECON 90 is NOT suitable for use on non-ferrous metals, notable aluminium and zinc, or on polycarbonate.

HEALTH HAZARD INFORMATION

ACUTE EFFECTS

Xi – irritant may cause irritation to skin, especially if exposure is prolonged.
May cause severe eye irritation.

Product: Decon 90

FIRST AID

Eye Contact: rinse immediately with plenty of clean, flowing water and seek immediate medical attention.
Skin contact: rinse with plenty of clean, flowing water and seek medical attention if persistent irritation.
Ingested: drink copious amounts of water and seek immediate medical attention. Do not promote vomiting.

_____ **PRECAUTIONS FOR USE** _____

EXPOSURE STANDARDS:

ENGINEERING CONTROLS:

Maintain concentration below recommended exposure limit. Use ventilated area.

PERSONAL PROTECTION:

Avoid eye contact, prolonged skin contact & ingestion.

FLAMMABILITY:

None
Flammable limits in air % by vol.: None.
Auto Ignition temp: None
Flash point and method used: closed cup method 38.1°C

ENVIRONMENT:

Avoid contaminating waterways.
Decon 90 is biodegradable. Ready biodegradability by OECD 301 (ISO method 7287 – 1986 (E)).

OTHER PRECAUTIONS:

None.

_____ **SAFE HANDLING INFORMATION** _____

STORAGE AND TRANSPORT:

Store between 5-27°C avoid contact with skin and eyes.
Use glass, ceramic, plastic (not polycarbonate) or stainless steel vessels for working solutions.
Store the concentrate at ambient temperature, out of direct sunlight, sealed in the container in which it is supplied, and away from strong acids. May produce hydrogen in contact with aluminium.
Will tend to corrode non-ferrous metals, notably aluminium and zinc.

SPILLS AND DISPOSAL:

Absorb large spillages with sand or any suitable medium.
Dispose of in accordance with local authority guidelines.
Small spillages may be flushed away with plenty of water to a drain or sewer.

FIRE/EXPLOSION HAZARD: None

OTHER SAFE HANDLING INFORMATION: None

===== OTHER INFORMATION =====

Contact Point:
Eco Environmental (WA) Pty Ltd

END OF MSDS